

**A RESOLUTION  
BY FINANCE/EXECUTIVE COMMITTEE**

**A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE A SOLE SOURCE PURCHASE WITH IROBOT, FOR SPECIALIZED HOMELAND SECURITY EQUIPMENT, ON BEHALF OF THE DEPARTMENT OF POLICE, IN AN AMOUNT NOT TO EXCEED ONE-HUNDRED EIGHTY-FOUR THOUSAND, EIGHT-HUNDRED NINETEEN DOLLARS (\$184,819). ALL COSTS SHALL BE CHARGED TO AND PAID FROM A GRANT FROM THE UNITED STATES DEPARTMENT OF HOMELAND SECURITY: 2501 (INTERGOVERNMENTAL GRANT FUND); 240101 (GENERAL LEDGER DEPARTMENT: APD CHIEF OF POLICE; 5421003 (EXPENSE ACCOUNT: EQUIPMENT \$5,000+); 1320000 (FUNCTION ACTIVITY NUMBER: CHIEF EXECUTIVE); 210352 (GENERAL LEDGER PROJECT: UASI – APD 2007); 31863 (GENERAL LEDGER FUNDING SOURCE: UASI 2007); AND FOR OTHER PURPOSES.**

**WHEREAS**, the Department of Police (“Department”) desires to purchase specialized homeland security equipment for the special weapons and tactics (“SWAT”) unit to improve its ability to respond to terrorist attacks on the City of Atlanta (“City”); and

**WHEREAS**, the desired purchase of specialized homeland security equipment is part of a homeland security grant, approved by council under 09-O-0178, that reimburses the entire cost of the desired specialized homeland security equipment to the City; and

**WHEREAS**, iRobot is the sole supplier of the desired equipment; and

**WHEREAS**, the Chief Procurement Officer has Authorized a sole source procurement in accordance with the City of Atlanta Code of Ordinances Section 2-1191; and

**WHEREAS**, the Chief of Police and the Chief Procurement Officer recommend that a sole source purchase be awarded to iRobot for the desired homeland security equipment in an amount not to exceed one-hundred eighty-four thousand, eight-hundred nineteen dollars (\$184,819).

**THE COUNCIL OF THE CITY OF ATLANTA, GEORGIA, HEREBY RESOLVES**, that the Mayor is authorized to execute a sole source purchase with iRobot for the purchase of specialized homeland security equipment on behalf of the Department of Police, in an amount not to exceed one-hundred eighty-four thousand, eight-hundred nineteen dollars (\$184,819).

**BE IT FURTHER RESOLVED**, that all costs shall be charged to and paid from a grant from the United States Department of Homeland Security: 2501 (Intergovernmental Grant Fund); 240101 (General Ledger Department: APD Chief of Police); 5421003 (Expense Account:

Equipment \$5,000+); 1320000 (Function Activity Number: Chief Executive); 210352 (General Ledger Project: UASI – APD 2007); 31863 (General Ledger Funding Source: UASI 2007).



MEMORANDUM

TO: Mr. Adam Smith, Chief of Procurement

FROM: Sgt. A.C. Senzer

DATE: January 21, 2010

RE: iRobot – Sole Source Request

I am requesting that Procurement grant the Police Department a sole source for iRobot. iRobot manufactures a lightweight robot intended for the investigation and disposal of explosive devices and hazardous materials. In addition, this device has integrated communications components that can be used to remotely facilitate surveillance and negotiations without exposing personnel to danger.

Currently, the Atlanta Police SWAT Team does not have a compact and easily portable robot which has the capabilities that this device possesses. This piece of equipment will greatly enhance the ability of the Atlanta Police SWAT Team to bring safe and efficient resolution to many crisis situations. Per the attachment, iRobot supports that they are a “sole provider” for a robot with these capabilities.

c:



4 Nov 2009  
Atlanta Police Department  
Special Operations Section  
180 Southside Industrial Parkway, SE  
Atlanta GA 30354

Subject: Sole Source PackBot 510 with First Responder Kit Justification

Dear Michael Payne

iRobot is the sole manufacturer of the iRobot PackBot™ 510 First Responder Kit, a rugged, lightweight robot intended for the investigation and disposal of explosive devices and hazardous materials. The PackBot 510 with First Responder Kit is an existing product, built on the battle-proven PackBot chassis deployed by US ground troops in Afghanistan in 2002 and Iraq in 2003 until the present. Over 2,700 PackBot line robots have been delivered to various customers since 2002. PackBots are currently seeing extensive service in Iraq in counter-IED operations. PackBot 510 with First Responder Kit's unique abilities include:

- Small size and weight without compromising ruggedness. The unit can be carried and deployed by a single person, yet is large and robust enough to climb stairs and grades up to 30 degrees, and traverse snow, gravel, and rough terrain in all weather conditions.
- Dual flipper design allows the robot to traverse obstacles and climb stairs up to a 30 degree in angle. The flipper tracks rotate 360 degrees in unison to allow the chassis to pull itself through mud, sand and snow. Both flippers are removable which decreases the chassis footprint for narrow passageways and storage. The robot can be operated if the flipper tracks are removed or are thrown during missions. The tread design and composition is identical to the main track assembly. Main tracks and flipper tracks are not interchangeable.
- High dexterity and visibility of target under investigation via a 2-meter reach, 8 degree-of-freedom manipulator arm equipped with a gripper, a disruptor firing circuit, illuminators, 4 cameras (3 fixed focus and one zoom) and a protective blast shield for the zoom camera/illuminator array.
- All digital payload-based architecture. PackBot 510 with First Responder Kit is engineered for versatility. Four ports can house additional power, cameras, specialized sensors or other modular payloads in addition to its standard compliment of color cameras, color zoom camera, illumination sources and two-way audio link.
- Ability to function independent of radio links or concern for EM emissions. The whole system is shielded to allow for operation with or near EM-sensitive equipment.
- Additionally we offer a 220-meter intelligent fiber optic spooler, designed to automatically pay out and recover fiber with "zero tension."
- iRobot's proprietary Aware 2.0™ Robot Intelligence Software is an Operating System bundled with powerful tools and open architecture middleware components enabling the customer to more easily take advantage of future technology upgrades. Aware 2.0™ and appropriate Robot-specific applications come pre-installed and configured on shipping iRobot products, and do not need to be updated, revised, or otherwise re-installed by the End User.

No other small robot combines this mix of rugged reliability, deployability, surveillance and communications capabilities and versatility.

If you have any questions, please feel free to contact me by email at [SUppuluri@irobot.com](mailto:SUppuluri@irobot.com); by phone at (781) 640-2329. You may also reach Ray Howard at [lhoward@irobot.com](mailto:lhoward@irobot.com) or 803-237-9191.

Sincerely,

Sudhi Uppuluri  
Director of Sales  
iRobot Corporation

iRobot Corporation

8 Crosby Drive, Bedford, MA 01730-1402 • 781.430.3000 • Fax 781.430.3001 • [www.irobot.com](http://www.irobot.com)



8 Crosby Drive Phone: 781-430-3000  
Bedford MA 01730 Fax: 781-268-5157  
Email: sales@irobot.com

## Quotation

Federal ID # 77-0259335

Quote Name: 20090324-1787-3  
Quote Number: 2181 - 1  
Quote Date: 30-NOV-2009  
Page: 1 of 1

**Quoted to:** Atlanta Police Department  
Special Operations Section  
180 Southside Industrial Parkway, SE  
Atlanta GA 30354  
United States  
Attn: Jeff Childers  
404 209-5260  
jtchilders@atlantaga.gov

Customer	Pricing Valid thru	Payment Terms	SalesPerson	Shipping Estimate
Atlanta Police Department	28-FEB-2010	Subject to Credit Check	Ray Howard	16 - 18 Weeks ARO

Quantity	Item	Description	Unit Price	Extension
1	PB510	PackBot 510 with Transit Case and Documentation. System come with Limited One (1) Year Warranty.  <ul style="list-style-type: none"> <li>- First Responder Kit Per System Includes (1)</li> <li>- Chassis Flipper Assembly (2)</li> <li>- Chassis with Mechanical Brakes (1)</li> <li>- Payload Connector Cover (6)</li> <li>- BB-2590/U,Chassis,Adapter Cradle,PackBot (2)</li> <li>- BB-2590/U Battery Charger, Dual, High Rate (1)</li> <li>- BB-2590/U Lithium Battery Pack (4)</li> <li>- BB-2590/U Battery Charger Adapter (1)</li> <li>- Manipulator Arm 1.0 Payload (1)</li> <li>- 2.4 GHz Communications Package (Laptop) (1)</li> <li>- 4.9 GHz Communications Package (Laptop) (1)</li> <li>- Positioning Connector Cover (1)</li> <li>- Hand Controller (2)</li> <li>- Headset with Microphone (1)</li> <li>- Firing Circuit Kit (Laptop) (1)</li> <li>- Rugged 15" Laptop OCU (1)</li> <li>- Kit,Flipper Toolbar,PackBot EOD (1)</li> <li>- Kit,Main Ordnance Lift,PackBot EOD (1)</li> <li>- Route Clearance Tool Kit (1)</li> <li>- ICxFIDO Explosive Detection Kit (1)</li> <li>- LWIR Thermal Camera Kit (1)</li> <li>- QuickClamp Accessory Mount-Link 2,PackBot (1)</li> <li>- QuickClamp Picatinny Rail Kit,PackBot (1)</li> <li>- Laptop OCU Software (1)</li> <li>- Aware 2.0 Robot Software License (1)</li> </ul>	\$181,399.00	\$181,399.00
1	19478	Kit,Illuminator w/IR Filter,Picatinny Rail,PackBot	\$290.00	\$290.00
1	19368	Accessory,Window Breaker,Picatinny Rail,PackBot	\$250.00	\$250.00
1	17955	Kit,PAN Disrupter Mount,PackBot EOD	\$1,900.00	\$1,900.00
1	16637	Kit,Shock Tube Initiator,w Dovetail Mnt,PackBot	\$980.00	\$980.00

<b>Authorized Signature</b>	<b>Subtotal:</b>	\$184,819.00
	<b>Freight Total:</b>	0.00
	<b>Grand Total:</b>	\$184,819.00

**Important Notes:**

1. Payment terms (unless otherwise noted): Commercial Entities: Irrevocable Letter of Credit; Government Entities: Net 30 Days.
2. International customers are responsible for all customs, duties, taxes and transportation from airport.
3. Software licenses granted to government entities are to be accepted by authorized contracting authority.
4. Orders are not considered booked until a formal purchase order has been received and accepted.
5. Ship dates will be given once order is booked.
6. Domestic orders ship FOB Origin.
7. International orders ship CIF.
8. Asterisk (\*) indicates GSA Pricing, all other pricing is Open Market.



ATLANTA POLICE DEPARTMENT  
Purchase Requisition

RECEIVED DEC-23 2009

Control # 12142009-16  
(Obtain Control # through Procurement Control  
Number Generator)

Page 1 of 1

Requesting Division	Section	Unit
FOD	SOS	SWAT
Contact Person/PRO		
LT. C.A. LEIGHTY		
Phone	Email	
404-243-6631	CLEIGHTY@ATLANTAGA.GOV	
	Fax	Date
	404-244-7081	
FORMAL QUOTES ATTACHED Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

Instructions: Please use one company per requisition

Company Preferred	Contact Person
irobot - 1001256	SCOTT LANE
Address	
8 CROSBY DRIVE	
City/State/Zip	Phone
BEDFORD MASS, 01730	781-430-3000
Email	SS# or FED Tax ID
SALES@IROBOT.COM	
Fax	
781-268-5157	

Item	Detail Description (Must include make/size/color/etc)	Qty	Contract Item#/ Catalog#/Page# (attach copy if applicable)	Model/ Part/ Product #s	Price Per Unit	Total Price
1	PACKBOT 510 WITH TRANSIT CASE	1	N/A	PB510	\$181,399.00	\$181,399.00
2	KIT, ILLUMINATOR W/IR FILTER	1	N/A	19478	\$290.00	\$290.00
3	WINDOW BREAKER	1	N/A	19368	\$250.00	\$250.00
4	PAN DISRUPTOR MOUNT	1	N/A	17955	\$1,900.00	\$1,900.00
5	SHOCK TUBE INITIATOR	1	N/A	16637	\$980.00	\$980.00
Justification of request: THIS PIECE OF EQUIPMENT IS NEEDED BY THE SWAT Bomb Squad to aid in handling bomb calls in the City of Atlanta. This item will be purchased using 2007 UASI grant funds. A sole source letter is attached to this requisition.						
SUBTOTAL (of attached pages)					\$184,819.00	
GRAND TOTAL					\$184,819.00	

Requester's name	LT. C.A. LEIGHTY	Date	11/30/09
Unit Commander	<i>[Signature]</i>	Date	12/02/07
Section Commander	<i>[Signature]</i>	Date	12-11-09
Division Commander	<i>[Signature]</i>	Date	12-23-09
Approved FMU	<i>[Signature]</i>	Date	2/4/10
SSD Commander	<i>[Signature]</i>	Date	2-5-10
For FMU Use Only		Date Received	
		Date Processed	
		Entered By	
		FAC #	
		P.O. #	

P - 2440000 24210352  
T - 102  
A - 250131863  
E - 5421003, 5816002 5316001  
O - CoA

680.0000

**Part II: Legislative White Paper:** (This portion of the Legislative Request Form will be shared with City Council members and staff)

**A. To be completed by Legislative Counsel:**

**Committee of Purview:** FINANCE/EXECUTIVE

**Caption: A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE A SOLE SOURCE PURCHASE WITH IROBOT, FOR SPECIALIZED HOMELAND SECURITY EQUIPMENT, ON BEHALF OF THE DEPARTMENT OF POLICE, IN AN AMOUNT NOT TO EXCEED ONE-HUNDRED EIGHTY-FOUR THOUSAND, EIGHT-HUNDRED NINETEEN DOLLARS (\$184,819). ALL COSTS SHALL BE CHARGED TO AND PAID FROM A GRANT FROM THE UNITED STATES DEPARTMENT OF HOMELAND SECURITY: 2501 (INTERGOVERNMENTAL GRANT FUND); 240101 (GENERAL LEDGER DEPARTMENT: APD CHIEF OF POLICE; 5421003 (EXPENSE ACCOUNT: EQUIPMENT \$5,000+); 1320000 (FUNCTION ACTIVITY NUMBER: CHIEF EXECUTIVE); 210352 (GENERAL LEDGER PROJECT: UASI – APD 2007); 31863 (GENERAL LEDGER FUNDING SOURCE: UASI 2007); AND FOR OTHER PURPOSES.**

**B. To be completed by the department:**

**1. Please provide a summary of the purpose of this legislation (Justification Statement).**

***Example: The purpose of this legislation is to anticipate funds from a local assistance grant to purchase child safety seats.***

The purpose is to purchase grant-funded equipment. The Police Department received a grant that covers the purchase of the listed item(s). Council approved the grant budget under 09-O-0178. Council approval is required to carry out the purchase.

**2. Please provide background information regarding this legislation.**

***Example: The task force of homelessness conducted a study regarding homelessness, its impact and consequences on the City. This resolution reflects the Mayor's desire to open a twenty-four hour center that will respond to the needs of the homelessness in Atlanta.***

The Police Department receives grants from the Department of Homeland Security to secure the City from terrorist attack and natural disasters.

**3. If Applicable/Known:**

(a) **Contract Type (e.g. Professional Services, Construction Agreement, etc):** NA

(b) **Source Selection:**

- (c) Bids/Proposals Due:
- (d) Invitations Issued:
- (e) Number of Bids:
- (f) Proposals Received:
- (g) Bidders/Proponents:
- (h) Term of Contract:

**4. Fund Account Center (Ex. Name and number):**

2501 (Intergovernmental Grant Fund); 240101 (General Ledger Department: APD Chief of Police); 5421003 (Expense Account: Equipment \$5,000+); 1320000 (Function Activity Number: Chief Executive); 210352 (General Ledger Project: UASI – APD 2007); 31863 (General Ledger Funding Source: UASI 2007).

**5. Source of Funds: *Example: Local Assistance Grant* :** 2007 Urban Area Security Initiative Grant

**6. Fiscal Impact:**       None

***Example: This legislation will result in a reduction in the amount of \_\_\_\_\_ to Fund Account Center Number \_\_\_\_\_.***

**7. Method of Cost Recovery:** Grant

***Examples:***

- a. Revenues generated from the permits required under this legislation will be used to fund the personnel needed to carry out the permitting process.***
- b. Money obtained from a local assistance grant will be used to cover the costs of this Summer Food Program.***

**This Legislative Request Form Was Prepared By:** Kurt Braunsroth



## CITY OF ATLANTA

Kasim Reed  
Mayor

SUITE 1790  
55 TRINITY AVENUE, SW  
ATLANTA, GA 30303  
(404) 330-6204 Fax: (404) 658-7705  
Internet Home Page: [www.atlantaga.gov](http://www.atlantaga.gov)

DEPARTMENT OF PROCUREMENT  
Adam L. Smith, Esq., CPPB  
Chief Procurement Officer  
[asmith@atlantaga.gov](mailto:asmith@atlantaga.gov)

April 12, 2010

### SOLE SOURCE PROCUREMENT CERTIFICATION

This sole source request is made for iRobot®, for the iRobot PackBot™ 510 First Responder Kit for the City of Atlanta, Department of Police.

Having conducted an investigation of the available sources regarding the materials, goods and/or services stipulated herein pursuant to § 2-1191 of the City of Atlanta Code of Ordinances, Sole Source Procurement, my findings are the following:

1. iRobot® - is the sole source vendor for the iRobot PackBot™ 510 First Responder Kit. As a pioneer in the robot industry, iRobot's goal is to drive innovation, serve as an industry catalyst and change the world by fueling the era of robots. iRobot® support and encourage the development of robot technology, they also offers comprehensive resources for third-party developers, providing information, and products that facilitate the creation and easy integration of new payloads, behaviors, and capabilities on iRobot platforms. iRobot collaborates with external developers from government agencies, academic institutions, and small and large businesses to create and bring to market innovations that will help with war-fighters and public safety professionals that tackle dangerous missions with less risk.
2. iRobot® – the iRobot PackBot™ 510 First Responder Kit is a rugged, lightweight robot intended for the investigation and disposal of explosive devices and hazardous materials. The PackBot 510 along with the First Responder Kit is an existing product, which was built on the battle proven PackBot chassis and deployed by the US ground troops in Afghanistan and Iraq.

I, Adam L. Smith, by the authority vested in me pursuant to § 2-1191, do hereby approve, direct and authorize the sole source procurement for Requisition Number: **21009460**.

The iRobot®, for the iRobot PackBot™ 510 First Responder Kit, will be used by the APD SWAT Team for investigations, removal and disposal of explosive devices, and hazardous materials for the City of Atlanta, Department of Police.

A handwritten signature in black ink, reading "Adam L. Smith", written over a horizontal line.  
Adam L. Smith

## Legislation Summary

**Committee of Purview:**

**Caption**

A resolution authorizing the Mayor to execute an appropriate contractual agreement on behalf of the Department of Police with iRobot® in an amount not to exceed one hundred eighty four thousand eight hundred nineteen dollars and no cents (\$184,819.00). All contract work shall be charged to and paid from a grant from the United States Department of Homeland Security: 2501 (Intergovernmental Grant Fund), 240101 (General Ledger Department – APD Chief of Police), 5421003 (Expense Account – Equipment \$5,000+), 1320000 (Function Activity Number – Chief Executive), 210352 (General Ledger Project – UASI – APD 2007), 31863 (General Ledger Funding Source – UASI 2007).

**Council Meeting Date:** May 3, 2010

**Legislation Title:** Resolution authorizing the Chief Procurement Officer to utilize in Pursuant to City Code Section 2-1191 (Sole Source Procurement), for the purpose of Specialized Homeland Security Equipment on behalf of the Department of Police in an amount not to exceed one hundred eighty four thousand eight hundred nineteen dollars and no cents (\$184,819.00). All contract work shall be charged to and paid from a grant from the United States Department of Homeland Security: 2501 (Intergovernmental Grant Fund), 240101 (General Ledger Department – APD Chief of Police), 5421003 (Expense Account – Equipment \$5,000+), 1320000 (Function Activity Number – Chief Executive), 210352 (General Ledger Project – UASI – APD 2007), 31863 (General Ledger Funding Source – UASI 2007).

**Requesting Department:** Department of Police

**Contract Type:** N/A

**Source Selection:** Pursuant to City Code Section 2-1191 (Sole Source Procurement)

**Bids/Proposals Due:** N/A

**Invitations Issued:** N/A

<b>Number of Bids/ Proposals Received:</b>	N/A
<b>Bidders/Proponents:</b>	N/A
<b>Justification Statement:</b>	N/A
<b>Background:</b>	N/A
<b>Fund Account Centers:</b>	2501 (Intergovernmental Grant Fund), 240101 (General Ledger Department – APD Chief of Police), 5421003 (Expense Account – Equipment \$5,000+), 1320000 (Function Activity Number – Chief Executive), 210352 (General Ledger Project – UASI – APD 2007), 31863 (General Ledger Funding Source – UASI 2007).
<b>Source of Funds:</b>	N/A
<b>Fiscal Impact:</b>	N/A
<b>Term of Contract:</b>	N/A
<b>Method of Cost Recovery:</b>	N/A
<b>Approval:</b> DOF: DOL:	
<b>Prepared By:</b>	Patricia Lowe, Buyer
<b>Contact Number:</b>	404.330.6583

TRANSMITTAL FORM FOR LEGISLATION

TO: MAYOR'S OFFICE

ATTN: CANDICE L. BYRD

Legislative Counsel (Signature): Investigator Kurt Braunsroth

Contact Number: (404) 546-4266

Originating Department: Department of Police

Committee(s) of Purview: Public Safety and Legal Administration

Council Deadline: 16 April 2010

Anticipated Committee Meeting Date(s): 27-28 April 2010

Anticipated Full Council Date: 3 May 2010

Commissioner Signature:

Chief Procurement Officer Signature:

CAPTION

A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE A SOLE SOURCE PURCHASE WITH IROBOT, FOR SPECIALIZED HOMELAND SECURITY EQUIPMENT, ON BEHALF OF THE DEPARTMENT OF POLICE, IN AN AMOUNT NOT TO EXCEED ONE-HUNDRED EIGHTY-FOUR THOUSAND, EIGHT-HUNDRED NINETEEN DOLLARS (\$184,819). ALL COSTS SHALL BE CHARGED TO AND PAID FROM A GRANT FROM THE UNITED STATES DEPARTMENT OF HOMELAND SECURITY: 2501 (INTERGOVERNMENTAL GRANT FUND); 240101 (GENERAL LEDGER DEPARTMENT: APD CHIEF OF POLICE; 5421003 (EXPENSE ACCOUNT: EQUIPMENT \$5,000+); 1320000 (FUNCTION ACTIVITY NUMBER: CHIEF EXECUTIVE); 210352 (GENERAL LEDGER PROJECT: UASI – APD 2007); 31863 (GENERAL LEDGER FUNDING SOURCE: UASI 2007); AND FOR OTHER PURPOSES.

FINANCIAL IMPACT (if any)

Mayor's Staff Only

Received by CPO: Received by LC from CPO:

Received by Mayor's Office: 4/13/10 Reviewed by:

Submitted to Council: (date)